

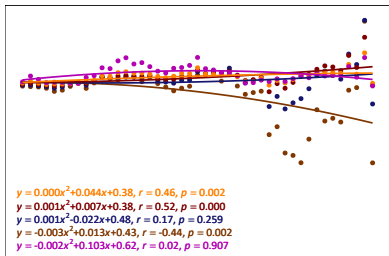
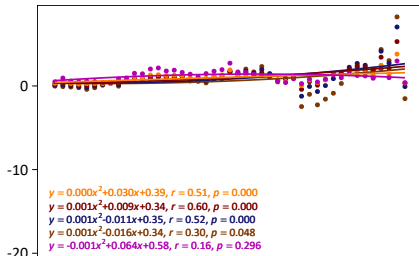
## Confidence (%)

● 20 ● 40 ● 60 ● 80 ● 100

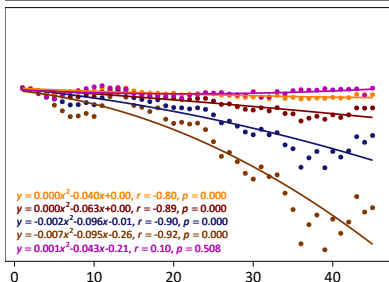
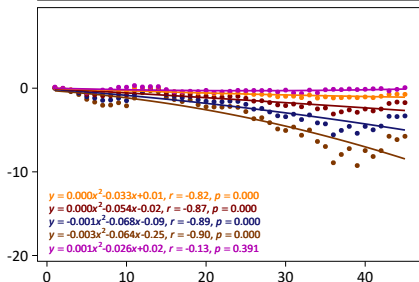
Lead: 3d

Lead: 7d

Relative change (%) in grain yield



NAV: 150 kgN/ha

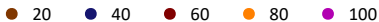


NAV: 300 kgN/ha

Number of irrigations

DelayFrac: 0.5

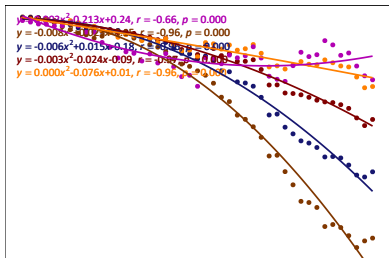
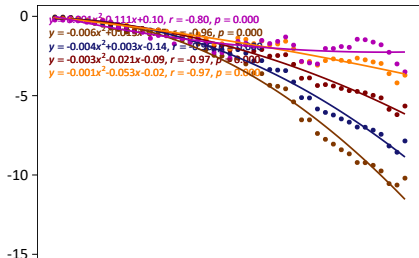
Confidence (%)



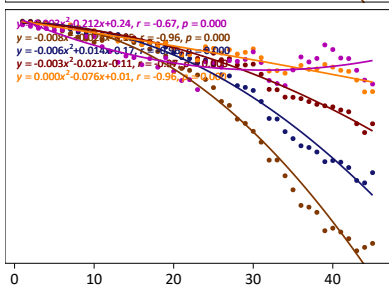
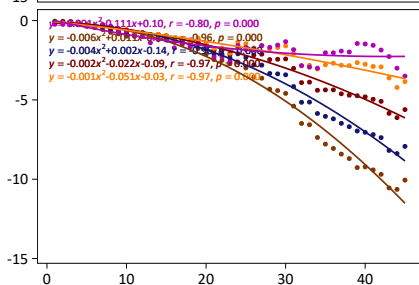
Lead: 3d

Lead: 7d

Absolute change in number of irrigations



NAV: 150 kgN/ha



NAV: 300 kgN/ha

Number of irrigations

DelayFrac: 0.5

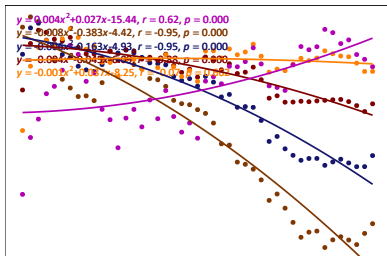
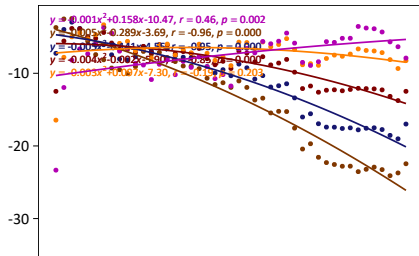
Confidence (%)

● 20    ● 40    ● 60    ● 80    ● 100

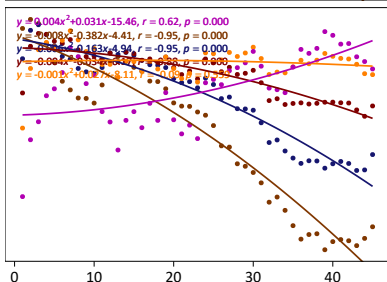
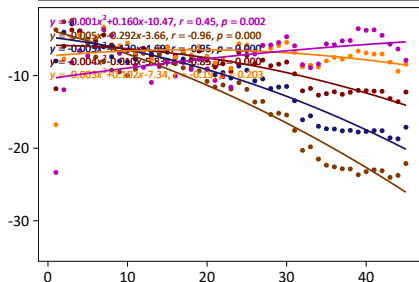
Lead: 3d

Lead: 7d

Relative change (%) in irrigation water use



NAV: 150 kgN/ha



NAV: 300 kgN/ha

Number of irrigations

DelayFrac: 0.5

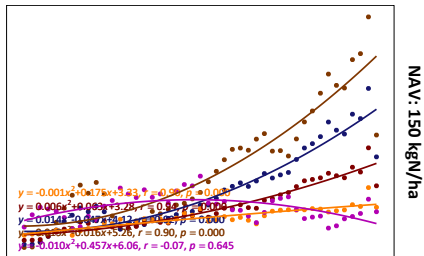
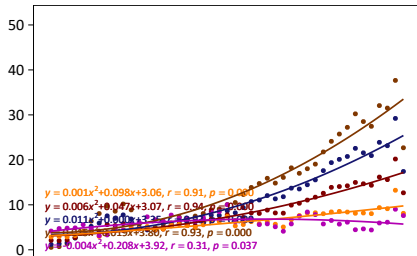
## Confidence (%)

20 40 60 80 100

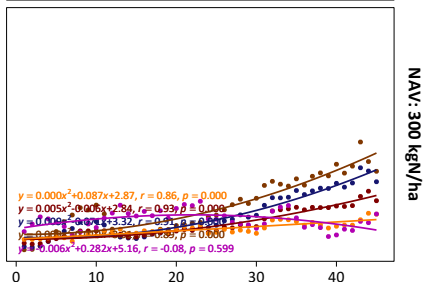
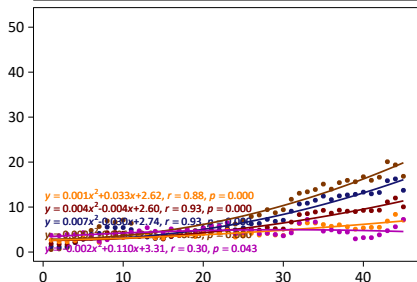
Lead: 3d

Lead: 7d

Relative change (%) in overall water use efficiency



NAV: 150 kgN/ha



NAV: 300 kgN/ha

Number of irrigations

DelayFrac: 0.5

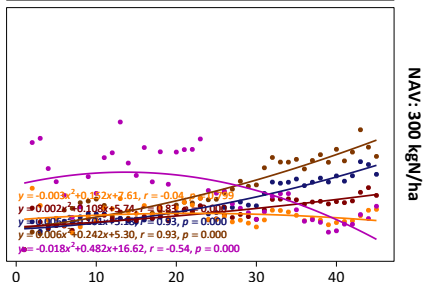
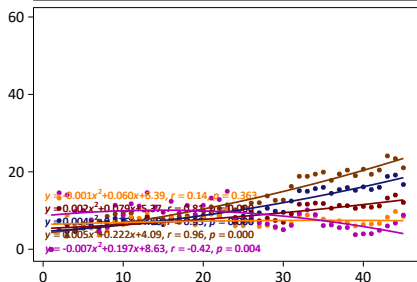
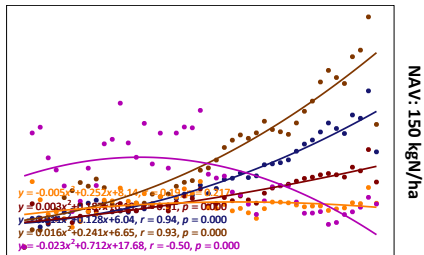
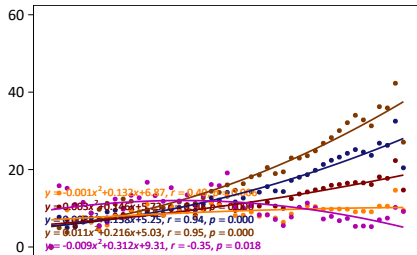
# Confidence (%)

20 40 60 80 100

Lead: 3d

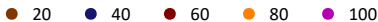
Lead: 7d

Relative change (%) in irrigation water use efficiency



Number of irrigations

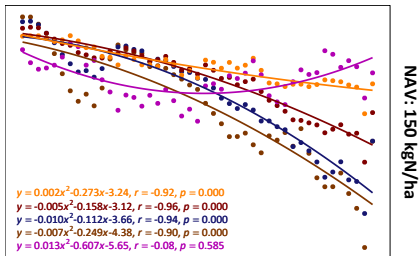
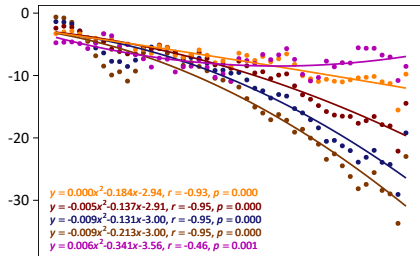
## Confidence (%)



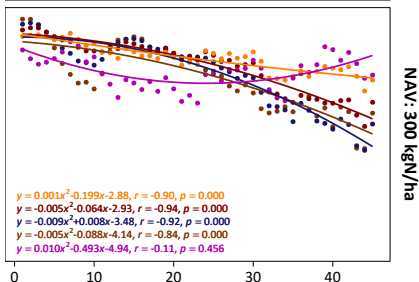
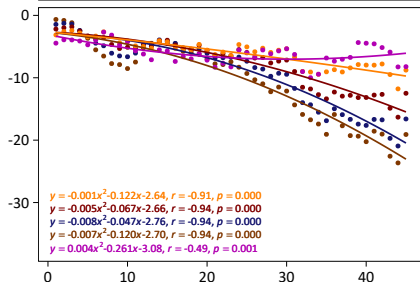
Lead: 3d

Lead: 7d

Relative change (%) in water loss index



NAV: 150 kgN/ha



NAV: 300 kgN/ha

Number of irrigations

DelayFrac: 0.5

Confidence (%)

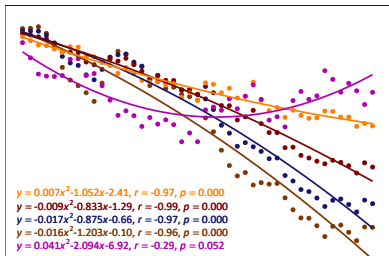
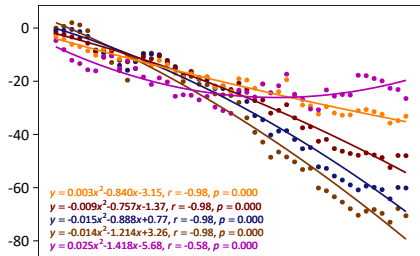
● 20    ● 40    ● 60    ● 80    ● 100

Lead: 3d

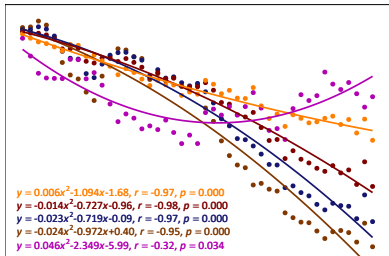
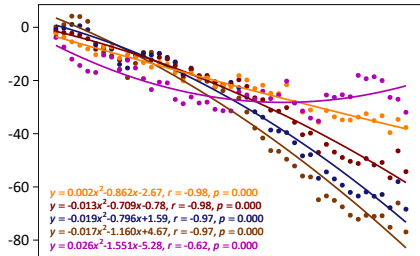
Lead: 7d

Relative change (%) in N loss index

NAV: 150 kgN/ha



NAV: 300 kgN/ha



Number of irrigations

DelayFrac: 0.5

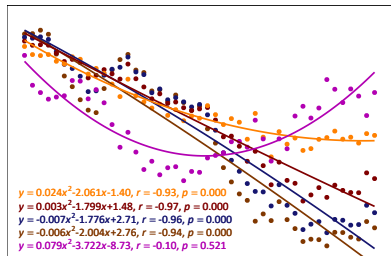
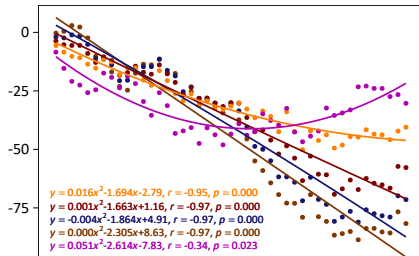
Confidence (%)

● 20    ● 40    ● 60    ● 80    ● 100

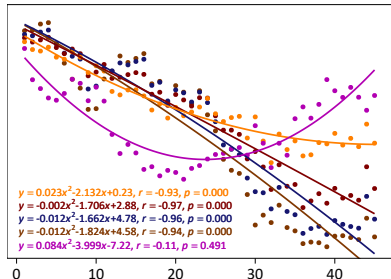
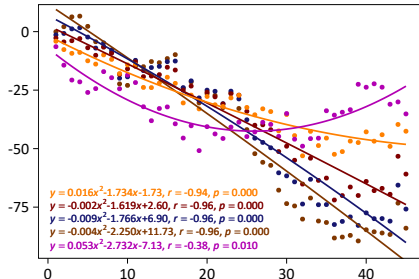
Lead: 3d

Lead: 7d

Relative change (%) in N leaching index



NAV: 150 kgN/ha



NAV: 300 kgN/ha

Number of irrigations

DelayFrac: 0.5



## Confidence (%)

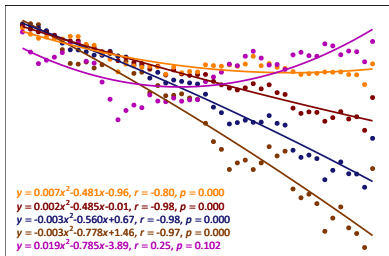
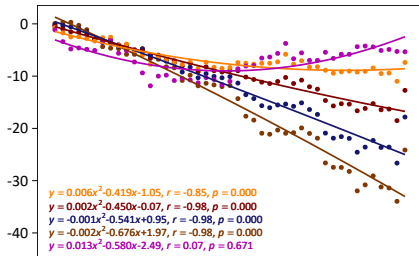
● 20 ● 40 ● 60 ● 80 ● 100

Lead: 3d

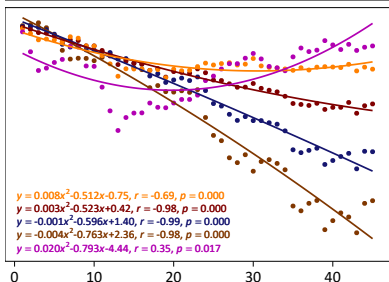
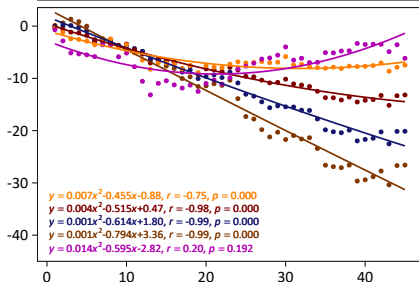
Lead: 7d

Relative change (%) in total emission index

NAV: 150 kgN/ha



NAV: 300 kgN/ha



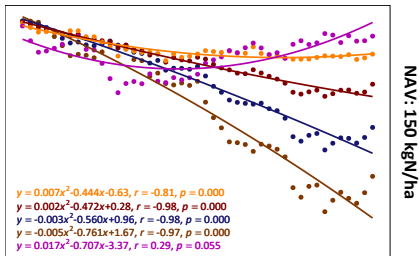
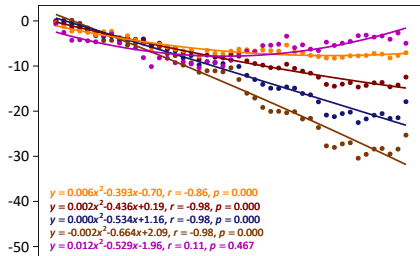
Number of irrigations

## Confidence (%)

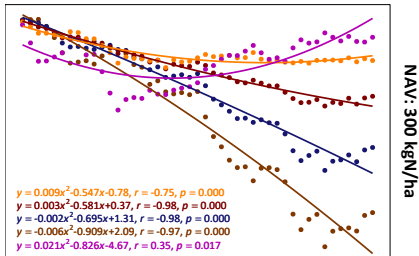
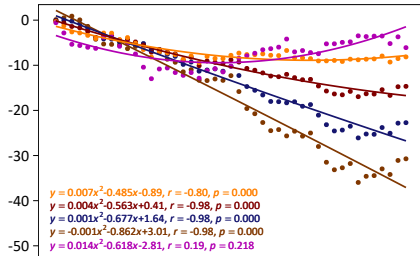
● 20    ● 40    ● 60    ● 80    ● 100

Lead: 3d

Lead: 7d

Relative change (%) in total CO<sub>2</sub>e emission

NAV: 150 kgN/ha



NAV: 300 kgN/ha

Number of irrigations

DelayFrac: 0.5